BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE B56B MSRB II 764-1451

Synthesis Request Sheet ABI Applied Biosystems G 497810

FACILITY USE ONLY:

Sequence # 3242 B

ABI Applied Biosystems G 497852

Column

Date Synthesized D.G.

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4756
Account Number: 921099

Sequence Length: 36 BA
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE. 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

GCG CCT CGA GCA AAC AGG AAG GAC AGC AGG CTC TGG

User Comments:
FucT-VII genomic pcr bp 9-34 5' pcr exon 1

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 1.02)

Column 1

Run ID :
Cycle : Cyc01 user
End Proc: End CE DMT = Off)
Sequence: 3242B

Total bases = 36
A= 10, G= 13, C= 10, T= 3, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 11142.2

5'> GCG CCT CGA GCA AAC AGG AAG GAC AGC AGG CTC TGG <3'

Exhibit C

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 1088 B

Column Applied Biosystems C 425287 [redacted]

Date Synthesized __ D.G

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4754
Account Number: 921099

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

TTT GTT TCC GCC CCG GCA TC

User Comments:
104 phage from primer 1042 towards sal site

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 1.01)

Column 3

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 1088B

Total bases = 20
A= 1, G= 4, C= 8, T= 7, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6418.0

✓5'> TTT GTT TCC GCC CCG GCA TC <3'

$A_{260} = .240$

4 x 1 / 958

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet ABI C 489928 [redacted]

FACILITY USE ONLY:

Sequence # 9392A

Column ABI C 483082 [redacted]

Date Synthesized 12-6-

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4756
Account Number: 030131

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

GCT AGA TAG TTT CTG ATG GC

OD_{260} 1:100 = .161

User Comments:
Fuct7-1

25/1 ml

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 2.00)

Column 2

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 9392A

Total bases = 20
A= 4, G= 6, C= 3, T= 7, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6158.0

5'> GCT AGA TAG TTT CTG ATG GC <3'

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 1042 B

Column Applied Biosystems C 436432

Date Synthesized (B)

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4754
Account Number: 921099

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

GTA TGG GTG CCA TCA GAA AC

User Comments:
104 sal-eco from 986 towards 5' UT

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 1.01)

Column 4

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 1042B

Total bases = 20
A= 6, G= 6, C= 4, T= 4, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6654.0

5') GTA TGG GTG CCA TCA GAA AC (3'

$A_{260} = .217$

46/954

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 8660A

Column [redacted] C 489821

Date Synthesized DM

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4756
Account Number: 030131

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

CAG GGC ACT TCT GAG GTG CC

User Comments:
Fuc-TVII bp424 sequencing primer towards 3' end

Comments to Core Facility:

1/100 = .405

25/1nd

- 394 Synthesis Setup Listing - (Version 1.01)

Column 3

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 8660A

Total bases = 20
A= 3, G= 7, C= 6, T= 4, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6573.0

5'> CAG GGC ACT TCT GAG GTG CC <3'

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet ABI 495751

FACILITY USE ONLY:

Sequence # 9393A

Column ABI 472563

Date Synthesized D.G.

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4756
Account Number: 030131

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

AAC AGC AGC CTT GTC ACG TG

OD_{260} 1/100 = .156

User Comments:
Fuct7-2

26/1ml

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 2.00)

Column 3

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 9393A

Total bases = 20
A= 5, G= 5, C= 6, T= 4, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6098.0

5'> AAC AGC AGC CTT GTC ACG TG <3'

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 986 B

Column abi Applied Biosystems C 421275 [redacted]

Date Synthesized ___ (B)

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4778
Account Number: 921099

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

CAG CCA TAG TCT CAC GTG AC

User Comments:
104 sal-eco from 887 primer towards sal site (5' UT)

Comments to Core Facility - Synthesis Setup Listing - (Version 1.01)

Column 3

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 986B

Total bases = 20
A= 5, G= 4, C= 7, T= 4, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6536.0

5'> CAG CCA TAG TCT CAC GTG AC <3'

272

37ul /963

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 672 B

Column C 410014 [redacted]

Date Synthesized D.G.

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4778
Account Number: 921099

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On X_ Off
Thio-Chemistry: ___Yes X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

CGA AGT GTA GGA AGT GAT CC

User Comments:
104 from 15/52 large (Xho-Kpn) towards 3' end

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 1.01)

Column 2

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 672B

Total bases = 20
A= 6, G= 7, C= 3, T= 4, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6693.0

✓ 5'> CGA AGT GTA GGA AGT GAT CC <3'

$L_{260} = .304$

33 ul 1967

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 887 B

Column Applied Biosystems C 419751 [redacted]

Date Synthesized DG

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4778
Account Number: 921099

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

CAC TCT GCT GAG CCA GAC AC

User Comments:
104 sequencing from sac-T7 towards upstream exons

Comments to Core Facility:

COLUMN 1 SET-UP
VERSION 2.01

USER_NAME:
CYCLES USED: SSCEAF36- 1
ENDING METHOD: Trityl OFF, Auto
ENDING PROCEDURE: DEPCRE03
SEQUENCE NAME: 887B
SEQUENCE LENGTH: 20
DATE:
TIME:
COMMENT:

✓5'- CAC TCT GCT GAG CCA GAC AC -3'

A_{260} 2 . 289

35 ul / 965

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8993
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
AGG AAG CTT AGC TAA AAG CT

Comments:
104 phage from t7 primer towards 3' end of gene (5' ut towards gene)

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 2

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8993
Thank you for using the HHMI Biopolymer Facility.

Use 104Seq PTZ18R DNA

$A_{260} = .264$

38 ul / 962

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 671 B

Column Applied Biosystems C 410554 [redacted]

Date Synthesized D.G.

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4778
Account Number: 921099

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

GCA AAG CTA TAG CTT GTA GC

User Comments:
104 from15/52(EcoRI) towards 5'end

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 1.01)

Column 1

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 671B

Total bases = 20
A= 6, G= 5, C= 4, T= 5, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6629.0

√ 5'> GCA AAG CTA TAG CTT GTA GC <3'

$A_{260} = .319$

38 ul / 969

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 3511 B

Column Applied Biosystems G 404333

Date Synthesized SAS (BA)

Date Submitted:
Requestor: Kelly
Phone Number: 74756
Account Number: 921099
P.I. Name: LOWE
Billing Dept.: HHMI

Sequence Length: 20
Synthesis Scale: 0.2 umole

Trityl Group: No
HPLC Purify: No
Thio-Chemistry: No

Center Membership: None
Center/Project Related Research: No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

AGC CTG GAC CTG AGG CTG GG

User Comments:
FT7-1

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 2.00)

Column 2

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 3511B

Total bases = 20
A= 3, G= 9, C= 5, T= 3, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6191.0

5'> AGC CTG GAC CTG AGG CTG GG <3'

OD_{260} 1/100 .182

40/1 ml

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 946 B

Column Applied Biosystems G 439483

Date Synthesized D.G.

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4778
Account Number: 921099

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

TCC TTC CCT TTC CAG ACT GG

User Comments:
104 sac sequencing from 910 towards cat exon

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 1.01)

Column 4

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 946B

Total bases = 20
A= 2, G= 3, C= 8, T= 7, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6419.0

✓5'> TCC TTC CCT TTC CAG ACT GG <3'

$A_{260} = .204$

49/951

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 715 B

Column ABI C 406550 [redacted]

Date Synthesized __ D.G. →

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4778
Account Number: 921099

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

GGG AAG GAG TCT GTG TGT CC

User Comments:
104 pcr of t cell large frag from sp6 seq

Comments to Core Facility:

COLUMN Z SET-UP
VERSION Z.01

USER_NAME:
CYCLES USED: SSCEAF3G- 1
ENDING METHOD: Trityl OFF, Auto
ENDING PROCEDURE: DEPCRE03
SEQUENCE NAME: 715B
SEQUENCE LENGTH: 20
DATE:
TIME:
COMMENT:

✓5'- GGG AAG GAG TCT GTG TGT CC -3'

$A_{260} = .304$

33ul /967

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 2931 B

Column abi Applied Biosystems G 479590

Date Synthesized __ _____ Alexis Betty

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4756
Account Number: 921099

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

ACC TTG GGC TGA ACC TAC AG

User Comments:
sequence primer from 946 towards exon 1 S.D. (FT-VII)

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 1.01)

Column 3

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 2931B

Total bases = 20
A= 5, G= 5, C= 6, T= 4, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6575.0

5'> ACC TTG GGC TGA ACC TAC AG <3'

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 2932 B

Column ABI C 460602

Date Synthesized __ Clean Bottle

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4756
Account Number: 921099

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

CCT TGA ACT GTA GGT TCA GC

User Comments:
sequence primer proximal to exon 1 S.D towards 5' UT (FT-VII)

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 1.01)

Column 2

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 2932B

Total bases = 20
A= 4, G= 5, C= 5, T= 6, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6563.0

5'> CCT TGA ACT GTA GGT TCA GC <3'

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 8661A

Column C 404064 [redacted]

Date Synthesized __ CH (N)

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4756
Account Number: 030131

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

TTT TCT AGA GGT GGC AGA AC

User Comments:
fuc-tvii sequencing primer towards 3' end (bp 1333)

1/100 : .443

22.5 T/mL

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 1.01)

Column 3

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 8661A

Total bases = 20
A= 5, G= 6, C= 3, T= 6, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6642.0

5'> TTT TCT AGA GGT GGC AGA AC <3'

Synthesis Request Sheet

FACILITY USE ONLY: Sequence # 911 B

Column Applied Biosystems C 426226

Date Synthesized D.G.

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4778
Account Number: 921099

Sequence Length: 20
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

GGA CCT GTG CTC CCA GAT CC

User Comments:
104 sequencing from sac 9076 primer towards 5' exon

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 1.01)

Column 2

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 911B

Total bases = 20
A= 3, G= 5, C= 8, T= 4, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 6495.0

✓5'> GGA CCT GTG CTC CCA GAT CC <3'

A_{260} .215

47 µl / 953

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 9077
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
AAG GGA TCA CTT CTG CTC AG

Comments:
104phage from 8952 towards 5' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 4

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 9077
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .219$

46 ul / 954

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 9076
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
TGC TT(CAGT) CCT TCA GGA AAA GG

Comments:
104phage from 8952 towards 5' ut

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 4

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 9076
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .217$

461954

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 3445 B
Applied Biosystems G 404852
Column
Date Synthesized SAS BB

Date Submitted:
Requestor: Kelly
Phone Number: 74756
Account Number: 921099
P.I. Name: LOWE
Billing Dept.: HHMI

Sequence Length: 20
Synthesis Scale: 0.2 umole

Trityl Group: No
HPLC Purify: No
Thio-Chemistry: No

Center Membership: None
Center/Project Related Research: No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

CTA GCT GGT CAT TTC TAG GG

User Comments:
ft7-1

Comments to Core Facility:

DNA SEQUENCE 1

NUMBER OF BASES: 20
BASES USED: A=3 C=4 G=6 T=7 X=0
DALTONS: 5115
TIME:
DATE:

5' > CTA GCT GGT CAT TTC TAG GG < 3'

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8953
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
TCA ATT CCC TCT TTG AGC AG

Comments:
104 phage from 8903 primer towards 3' end

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 3

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8953
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .290$

35ul / 965ul

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8952
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
ATC AAC CAC TAT CCA ATC CT

Comments:
104 phage from primer 8903 towards 5' end

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 3

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8952
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .290$ 75ul / 965ul

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8904
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
TGA CAA TTC CAG AAG GCT CC

Comments:
104 phage from primer 8874 towards 3' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 3

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8904
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .272$

37 ul / 963

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8903
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
GGC CAG GCA CTC ACC AAT AC

Comments:
104 phage from primer 8874 towards 5' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 3

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8903
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .292$

35 ul / 965

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8902
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
TTA TTC TGC TTC AGG GTA CC

Comments:
104 phage from primer 8874 towards 3' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 3

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8902
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .297$

34 ul /966

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8875
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
ATC TGC ACT GGC CTT TCA CC

Comments:
104 phage from primer 8850 towards 3' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 2

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8875
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .300$

33 ul / 967 ul

11 G/C

9 G/C 42
H AT

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 624 B

Column Applied Biosystems C 416455 [redacted]

Date Synthesized _____ D.G.

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4778
Account Number: 921099

Sequence Length: 41
Synthesis Scale: 0.2 umole
Tritvl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

base 41

GCG CGG ATC CCA CCA TCC TTA TCT GGC ACT GGC CTT TCA CC

User Comments:
phage 104 PCR primer (FOR AB) from nt 292

Comments to Core Facility:

- 394 Synthesis Setup Listing - (Version 1.01)

Column 4

Run ID :
Cycle : Cyc01 user
End Proc: End CE (DMT = Off)
Sequence: 624B

Total bases = 41
A= 6, G= 8, C= 17, T= 10, 5= 0, 6= 0, 7= 0, 8= 0
(mixed bases= 0)

MW: 13246.2

Base 41

✓ 5'> GCG CGG ATC CCA CCA TCC TTA TCT GGC ACT GGC CTT TCA

CC <3'

$A_{260} = .505$

~~200~~ 25ul /75 w

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8874
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
TGG TGA GTG TGG ACT GAG GC

Comments:
104 phage from primer 8850 towards 5' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 2

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8874
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .300$

33 ul /967

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8867
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
GCT AGC AGG CTC CGG TTA GC

Comments:
104phage from 8770primer (b sequence) towards 5' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 3

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8867
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .259$

38 ul / 962

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8851
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
CCT TGG GTC TGG GCC TCC AT

Comments:
104 phage from 8770 primer towards 3' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 1

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8851
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .281$

36 ul / 9

17 GC

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8850
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
AAG CGA TAG AGA CCA TGG GT

Comments:
104 phage from 8770 primer towards 5' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 1

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8850
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .264$

39 ul / 962

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8771
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
GGC CCA CAT CCC CAC TAC CG

Comments:
104 phage from 8715 sequence towards 3' end (towards rp2 primer seque

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 3

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8771
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .255$

39 ul
961

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8852
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
CAC GCT GCT GCC GCT CCT GG

Comments:
104 phage from 8715 primer towards 5' end of gene (replace primer 877

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 1

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8852
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .265$

38 ul / 962

15 G/C

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE
Individual User: Gersten System Id: 8714

Product Information

Length: 20

Oligonucleotide Sequence:
GCA TCG GGA CTA CAT CAC TG

Comments:
104pst from rp2 sequence towards the 3' end

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 3

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8714
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .266$ 38ul oligo
962ul H_2O

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8715
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
AGC CCC AGG CAT TGC GCC AG

Comments:
104pst from rp2 primer towards the 5' end

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 3

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8715
Thank you for using the HHMI Biopolymer Facility.

$A_{260} \simeq .297$

33 ul oligo
967 ul H_2O

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8848
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
AAC TGG CTG TCT TCC TCG TC

Comments:
104phage from primer 8714 towards 3' end

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 1

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8848
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .299$

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE
Individual User: Gersten System Id: 8849

Product Information

Length: 20

Oligonucleotide Sequence:
CAC GAT AAC GAC TCT CAT TC

Comments:
104 phage from primer 8714 towards 5' end

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 1

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8849
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .283$

35ul / 965

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8868
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
CTG GAG GGA AGC GCT TCT GC

Comments:
104 phage from 8714 (a sequence) towards 3' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 3

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8868
Thank you for using the HHMI Biopolymer Facility.

Ta = 60

$A_{260} = .330$

30 ul / 970

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8876
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
CAA GTA AGG GTA GCG GGC AC

Comments:
104 phage from primer 8848 towards 5' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 2

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8876
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = 8.287$

35ul / 965ul

BIOMEDICAL RESEARCH CORE FACILITIES
DNA SYNTHESIS CORE 2562 MSRB II 764-1461

Synthesis Request Sheet

FACILITY USE ONLY:

Sequence # 625 B

Column Applied Biosystems C 407370

Date Synthesized D.G.

Today's Date:
Requestor: Gersten
P.I. Name: LOWE
Billing Dept.: HHMI
Phone Number: 7-4778
Account Number: 921099

Sequence Length: 43
Synthesis Scale: 0.2 umole
Trityl Group: ___On _X_ Off
Thio-Chemistry: ___Yes _X_ No

SEQUENCE, 5'-> 3', IN TRIPLETS (* PLEASE START WITH A TRIPLET *)

GCG CGG ATC CTC ATC AAG CCT GGA ACC AGC TTT CAA GGT CTT C

User Comments:
104 phage PCR (for ab) from stop codon

Comments to Core Facility:

COLUMN 1 SET-UP
VERSION 2.01

USER_NAME:
CYCLES USED: SSCEAF3I- 1
ENDING METHOD: Trityl OFF, Auto
ENDING PROCEDURE: DEPCRE03
SEQUENCE NAME: 625B
SEQUENCE LENGTH: 43
DATE:
TIME:
COMMENT:

✓5'- GCG CGG ATC CTC ATC AAG CCT GGA ACC AGC TTT CAA

GGT CTT C -3'

A_{260} = .662

19 ul / 81 ul

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8905
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
CAG GAA TTC AGG ATA TAA GG

Comments:
104 phage from primer 8868 towards 3' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 3

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8905
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .312$

32 ul / 968

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8877
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
GGT AGT GCC ATG GTG ACC AA

Comments:
104 phage from primer 8848 towards 5' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 2

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8877
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .318$

31 ul / 969 ul

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8954
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
AGG TTG CAG ATG CAC CCT CT

Comments:
104 phage from primer 8905 towards 3' ut

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 4

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8954
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .272$

37ul / 963 ul

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8967
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
GTA CTA GAG GGT GCA TCT GC

44

Comments:
104 phage from rp2 primer (sac insert) towards 5' end of gene

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 5

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8967
Thank you for using the HHMI Biopolymer Facility.

Ta = 56 use 104sac pTZ19

A_{260} = .230 44ul / 956

Report for Synthetic Oligonucleotide Date:

Investigator: LOWE System Id: 8713
Individual User: Gersten

Product Information

Length: 20

Oligonucleotide Sequence:
ACC ACT CAA GCA AGG CTC TC

Comments:
104pstt7 towards rp2 primer

Trityl Group: Off Synthesis Scale: 0.2 Micromole Scale

Date Received:
Date Synthesised:
Number of Day(s) in the System: 3

If you have any problems, contact the Biopolymers Facility
Your assigned System Id number is 8713
Thank you for using the HHMI Biopolymer Facility.

$A_{260} = .327$

31 ul oligo
969 ul H_2O